

**Inter-American Development Bank
Technical Cooperation Program (Trust Fund Financing)**

TC/FUNDS BRIEF

TC N°: 0110011-AR

I. GENERAL INFORMATION

Name of the Project:	Solid Waste Management Study, La Pampa, Argentina
Name of the Trust Fund	United Kingdom Technical Cooperation Trust Fund
Beneficiary Country:	Argentina
Beneficiary Agency:	Undersecretary for Ecology Province of La Pampa, Argentina
Estimated Total Amount to be financed:	GBP 23,690 (equivalent to US\$34,957)
Amount financed by local counterpart:	In kind
Amount financed by other sources:	n.a.
Execution and Disbursement Deadlines:	6 months

II. OBJECTIVES

- 2.1 The immediate objectives of this operation are: (i) to analyse the SWM plan prepared by a consortia of Municipalities from La Pampa; (ii) visit La Pampa and its current SW disposal strategies and facilities; (iii) report to the Bank as to the possibility of helping La Pampa develop an ISWM Plan, including institutional, financial, environmental and social aspects; and, if appropriate (iv) develop terms of reference for the feasibility and design phase of an ISWM plan and program for La Pampa.

III. DESCRIPTION:

1. Activities to be performed;

- 1) Define the existing problems related to solid waste management in La Pampa.
- 2) Review the local, international and Mercosur regulations and legislation regarding solid waste management.
- 3) Travel to La Pampa and visit all relevant sites, interview local authorities and technical personnel.
- 4) Evaluate the technical, financial and institutional solutions proposed by Co.Pro.Ba. using a SWM model.
- 5) Assess the environmental benefits and poverty alleviation potential of improved SWM systems for La Pampa
- 6) Write the Terms of Reference for a Integrated SWM plan, including an identification and prioritization of implementation activities, cost estimates and scheduling
- 7) Present the results of the study in a seminar to IDB staff.

2. **Consulting Services Required:** A consulting group is required to provide the services described in this document. The consulting firm would provide the services of a team of two consultants to carry out this project: a senior solid waste management expert familiar with Bank public services and SWM policies (20 expert/days), a senior financial analyst with SWM system analysis and modelling experience (15 expert days), and local Argentinean professional counterparts with SWM experience for data gathering and in-country analysis duties (20 expert days). At least 75% of the time contracted will be spent in La Pampa.

3. Outputs required:

The project will produce the following outputs:

- 1) A technical report evaluating the proposed La Pampa project, with recommendations for project design

improvements. This will include an evaluation of the poverty alleviation and environmental impact benefits of improved SWM in La Pampa region.

- 2) The Terms of Reference for a Integrated SWM project, including a prioritised list of implementation activities, cost estimates and scheduling ,
- 3) An IDB seminar explaining the SWM model with appropriate supporting documentation.

4. Duration:

The activities described herein would take place along a two-month period.

IV. JUSTIFICATION:

- 4.1 Severe problems exist in all Latin American countries related to the collection and disposal of municipal, biomedical and hazardous waste. This problem is accelerated by high population growth rates and the trend towards urbanisation of populations in towns and cities from rural areas. Over the last decade, the IDB has seen an increased number of loan requests related to Solid Waste Management (SWM), and this trend is expended to increase exponentially over the next few years, notably in the countries of the Mercosur. Solid Waste projects are difficult to design and implement due to their political nature, the high costs involved, their multi-disciplinary nature and the lack of financial and institutional capacity in recipient countries.
- 4.2 The Provincia de La Pampa, Argentina has a population of approximately 290,000 people, including 48 municipalities with populations of greater than 500 people. The population is predominantly rural and the Province is characterised by large distances between population centres.
- 4.3 The Municipalities of La Pampa recognise that poor solid waste management is causing serious social, environmental and human health problems in their communities (such as littering, the presence of vectors and diseases related to air and water contamination and the improper biomedical and hazardous waste disposal). The existing waste management system utilizes open-air dumps, which encourage scavenging activities by lower income people. Some attempts have been made since 1994 to rectify this situation by constructing sanitary landfills and beginning waste diversion programs.
- 4.4 To further this work, Co.Pro.Ba (Consorcio Provincial para la Basura) was formed in La Pampa last year and a preliminary solid waste document (Plan modelo, Manejo de Residuos Solidos) was written to describe the existing problems and define suitable solutions. The document recognizes the need for a Solid Waste Management system to be economically sustainable, and examines the possibility of operating a regional waste treatment and disposal facility as a profitable commercial enterprise, which would be a source of local employment.
- 4.5 The Inter-American Development bank has been asked to review the plan with a view to providing financing for the initiative. This comes at a time when Region 1 staff are becoming increasingly involved in developing solid waste management initiatives in other Mercosur countries (notably Brazil, Uruguay, Paraguay and Bolivia). At the moment, the Bank is considering funding the feasibility and design phases for a La Pampa ISWM program as a Technical Cooperation. Further financing for the implementation of the program would be considered once requested and when appropriate.

V. BUDGET

- 5.1 This technical cooperation operation will be financed with resources from the United Kingdom Fund for Consulting Services for GBP 23,690

Detailed budget

In US\$ and Great Britain Pounds (exchange rate as to 09/26/2001 to 0.6777 Great Britain Pounds):

Items	x unit		# units	Subtotal 1		Total	
	US\$	GBP		US\$	GBP	US\$	GBP
A. Fees (includes overhead)						\$24,975	£16,926
Project manager	\$1,425	£966	2	\$2,850	£1,931		
Technical expert	\$700	£474	15	\$10,500	£7,116		
Financial expert	\$750	£508	10	\$7,500	£5,083		
Local support	\$375	£254	11	\$4,125	£2,796		
B. Travel						\$9,982	£6,765
B.1 Tickets						\$5,350	£3,626
B.1.1 Tickets - international flights	\$2,000	£1,355	2	\$4,000	£2,711		
B.1.2 Tickets within Argentina	\$350	£237	2	\$700	£474		
B.1.3 Connections/Local travel	\$650	£441	1	\$650	£441		
B.2 Per diem							
B.2.1 Per diem in Argentina						\$3,696	£2,505
B.2.1.1 Technical expert	\$168	£114	12	\$2,016	£1,366		
B.2.1.2 Financial expert	\$168	£114	10	\$1,680	£1,139		
B.2.2 Per diem in Washington DC						\$936	£634
B.2.2.1 Technical expert	\$234	£159	2	\$468	£317		
B.2.2.2 Project manager	\$234	£159	2	\$468	£317		
TOTAL:						\$34,957	£23,690

- 5.2 Disbursement schedule: 30% at start up, 40% at submission of draft report, 10% at successful completion of final report and seminar.

VI. RESPONSIBILITY IN THE BANK:

Technical Responsibility: Environment and Natural Resources Management Division. Regional Operations Department 1. Helena Landázuri, Team Leader. Ph: 202-623-1872; Fax: 202-623-1417; email: helenal@iadb.org.

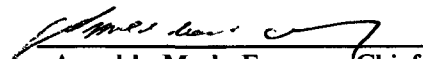
Responsibility for Disbursements: Rocío Minaya, RE1/EN1, Ph: 202-623-1622; Fax: 202-623-1417; email: rociom@iadb.org, will be responsible for disbursements.

VII. RECOMMENDATION:

Helena Landázuri, designated team leader for the project of the reference, recommends the approval of this operation and the use of resources from the United Kingdom Technical Cooperation Trust Fund totaling up to Twenty Three Thousand Six Hundred Ninety Great Britain Pounds (GBP 23,690) in order to finance the corresponding project.

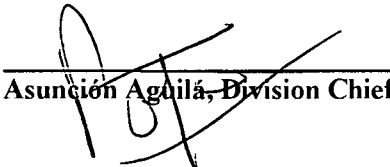
VIII. CERTIFICATION:

I certify that resources from the United Kingdom Technical Cooperation Trust Fund are available for up to Twenty Three Thousand Six Hundred Ninety Great Britain Pounds (GBP 23,690), in order to finance the activities described and budgeted in this TC/Brief. The use of these resources was approved by Trevor Hines, Manager EU and IADB Programmes, Development Business Team, British Trade International by fax of October 8, 2001. The commitment and disbursement of these resources shall be made only by the Bank in Great Britain Pounds. The same currency shall be used to stipulate the remuneration and payments to consultants, except that local consultants working in their own borrowing member country shall have their remuneration defined and paid in the currency of that country. No resources of the Fund shall be made available to cover amounts greater than the amount certified herein above for the implementation of this technical cooperation. Amounts greater than the certified amount may arise from commitments on contracts denominated in a currency other than the Fund currency, resulting in currency exchange rate differences, for which the Fund is not at risk.


Arnoldo M. da Fonseca, Chief
RE1/TEC

10/11/01
Date

IX. APPROVAL:

Approved 
Asunción Aguilá, Division Chief RE1/EN1

10/12/01
Date